

Date: Tue, 5 Jul 94 17:35:57 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #747
To: Info-Hams

Info-Hams Digest Tue, 5 Jul 94 Volume 94 : Issue 747

Today's Topics:

 absolute beginner questions
 Amateur calls on auto license plates?
 Denver 2m Active Repeaters
 Does CW as a pre-req REALLY Work?
 FCC Reciprocal Permit for Alien Amateur Licensee
 FIELD DAY 1994 REPORT
 Humorous Field Day Stories?
 IC-2410H Xmit Audio Boost
 JPS NTR-1 for sale
 Let's be Careful Out There!
 Microwave FAQ or info sought (repost)
 SAREX QSL CARDS STS-58
 Temp. Conversion Chart: F & C?
 temperature conversion
 which Ringo do I buy?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 5 Jul 1994 15:44:44 GMT
From: walter!dancer.cc.bellcore.com!not-for-mail@uunet.uu.net
Subject: absolute beginner questions
To: info-hams@ucsd.edu

M

In article <1994Jun30.200157.22598@noao.edu>,

Dyer Lytle CCS <lytle@noao.edu> wrote:

>I know nothing about short wave radio but I do a lot of backcountry travel
>and have been told that short wave is the best emergency communications
>device I could have. So here I am looking for beginner's information.
>Is there an FAQ or archive site for this group? What is a good, up to date,
>beginner book I can read? In what price range is a low end mobil radio unit?
>---

>Dyer Lytle, National Optical Astronomy Observatories, Tucson, AZ, 602-323-4136
>Internet: lytle@noao.edu WWW: http://iraf.noao.edu/iraf_staff/lytle.html

Give the Amateur Radio Relay League (ARRL for short) a call at
1-800-326-3942 and ask for their "New Ham" information package.
Also, consider buying a copy (\$20) of the book: "Now You're
Talking" which is the beginner book for getting started in amateur
radio. The book is sold through the ARRL and is usually carried
by most Radio Shacks also.

As a backpacker, I think you'd be well equipped with one of the
HTs (stands for Handi-talky which many people would think of as
a Walki-Talki using older terminology). One of the least expensive
HTs is put out by Radio Shack (lists at about \$250 but goes on sale
periodically for less). You can use almost any HT in a car with
a cigarette lighter adapter and an outside antenna, or you can buy
an actual mobile radio for about \$300-\$350.

Hope this helps and I think having an amateur radio along may open
many additional opportunities for you, not only for safety, but
just as part of your hiking routine...you'd be surprised how far
you can send and receive with only 2 watts of power from the
top of a mountain or ridge line.

Cheers,

Standard Disclaimer- Any opinions, etc. are mine and NOT my employer's.

Bill Sohl (K2UNK) BELLCORE (Bell Communications Research, Inc.)
Morristown, NJ email via UUCP bcr!cc!whs70
201-829-2879 Weekdays email via Internet whs70@cc.bellcore.com

Date: Tue, 5 Jul 1994 20:07:26 GMT
From: news.Hawaii.Edu!kahuna!jeffrey@ames.arpa
Subject: Amateur calls on auto license plates?
To: info-hams@ucsd.edu

In article <2vbdpk\$8tm@vixen.cso.uiuc.edu> dhughes@prairienet.org (Dan Hughes)
writes:

>

>I see a lot of vehicles with ham calls on their plates, but I am wary of
>doing this for fear that the specialized plates are a billboard to
>thieves that there might be expensive radio equipment in the vehicle.

>

>Any comments pro or con? Thanks! ---Dan, N9XDK

>--

Related question: Here on Oahu a ham can ONLY get callsign plates from
our county civil defense agency; they work with the motor vehicles
departmant in getting the plates. They are free from the CD. Does
any other state do this?

Jeff NH6IL

Date: 5 Jul 1994 21:01:27 GMT

From: ihnp4.ucsd.edu!sdd.hp.com!col.hp.com!fc.hp.com!paulc@network.ucsd.edu

Subject: Denver 2m Active Repeaters

To: info-hams@ucsd.edu

Wwhitby (wwhitby@aol.com) wrote:

> Does anyone know the frequencies of the most active 2m repeaters in
> the Denver, Colorado area. I will be there for a week and plan to
> take my HT with me.

The most active one I know about: 145.145

Other wide-area active ones: 145.280, 146.670, 146.940, 145.310, 147.225
145.310 also accesses the Colorado Connection linked system.

Wide-area Colorado Springs repeater: 146.970

This one can be accessed from along the Front Range from almost the
north end of the state to the south end (Cheyenne Wyo, to Trinidad CO,
about 300 miles); favorable locations needed at the extremes.

Big Dog UHF repeater, also in C-Springs: 448.450

This one has about the same coverage as 146.970, a little more finicky
perhaps, but when you're in it it's clear as a bell.

Have fun,

-Paul C. KG0CZ

Date: 5 Jul 94 20:18:01 GMT

From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!vixen.cso.uiuc.edu!aries!

hawley@network.ucsd.edu
Subject: Does CW as a pre-req REALLY Work?
To: info-hams@ucsd.edu

wwhitby@aol.com (Wwhitby) writes:

>Let me throw in my 2 cents:

>I am a tech class ham and have had my ticket for about 7 months. I
>got my license to get away from the foul mouth people that inhabit
>the CB bands. In all my months of operation (and about a year of
>just listening), I have only heard one gentleman use one profane
>word, and he immediatley appologized for his slip. The first time I
>listened to HF transmissions on 80 meters, I heard enough 4 letter
>words for an R-rated movie. I have listened to other QSOs and have
>heard even more profanity. I don't talk like that and I don't want
>to listen to it.

>So, to bring this post to a close, the real barrier for me is not CW,
>but it is the desire NOT to listen to a bunch of foul-mouthed CBers
>turning our HF amateur bands into other CB bands. I am very content
>with my tech priviliages. I wonder how many other hams have been
>kept away for the same reason.

>I don't intend this post to offend anyone, but I just want to let
>everyone know that there are other barriers besides learning CW

>73s de KE4ITL
>Warren Whitby
>wwhitby@aol.com

There are lots of nice people on 75 Meters...I think a lot of the
skumbags you hear are at night, and full of booze.
I talk to a bunch of good people on 3.875 MHz., everybody's welcome.
I obviously can't speak for everyone, but in general, checkin's are
well received and encouraged to join in. I notice that in the morning
most frequencies are friendly. Go ahead and upgrade. We need you.

.....NO USER SERVICEABLE PARTS INSIDE.....
Chuck Hawley, KE9UW in Urbana, Illinois
hawley@aries.scs.uiuc.edu
School of Chemical Sciences, Electronic Services
University of Illinois, Urbana-Champaign

Date: Tue, 5 Jul 1994 23:59:48
From: ihnp4.ucsd.edu!swrindc!cs.utexas.edu!math.ohio-state.edu!jussieu.fr!univ-

lyon1.fr!swidir.switch.ch!scsing.switch.ch!aragorn.unibe.ch!callback0.unibe.ch!
spahni@network.ucsd.edu
Subject: FCC Reciprocal Permit for Alien Amateur Licensee
To: info-hams@ucsd.edu

I've received the "Reciprocal Permit for Alien Amateur Licensee" from the FCC.
I would like to be on the air in the USA this summer. Where can I get (via
ftp, www, compuserve ...) more informations about FCC Rules and Regulations?

The main question for the moment is: what prefix/postfix do I have to use
while operating in the USA, if any?

Second question: what frequencies am I allowed to operate on? (>144MHz). Do
european versions of transceivers work in accordance to the regulations or do
I have to reconfigure them?

Thank you all for any replies!

73 de Dieter, HB9SQX
spahni@iwi.unibe.ch

Date: 05 Jul 1994 21:04:11 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!europa.eng.gtefsd.com!ceylon!
news2.near.net!info-server.bbn.com!news!levin@network.ucsd.edu
Subject: FIELD DAY 1994 REPORT
To: info-hams@ucsd.edu

In article <2v865b\$i8s@news.icaen.uiowa.edu> drenze@icaen.uiowa.edu (Douglas J
Renze) writes:

jsalemi@doghouse.win.net (Joe Salemi) writes:
>We also ran 6A, and I do remember contacting a 16A on 40m -- think they
>were from one of the New England states -- Mass. maybe, or VT. We
>also ran into a 15A.

I hit a 14A on 40-m SSB, I believe. Heh, I was a bit shocked when I QSL'd
it. I can't imagine being on a site with 40 rigs in what sort of radius of
one another? . . .

OK, it can be told. We were 15A: N1NH, the Nashua Area Radio Club,
operating out of Hollis, NH (next town over from Nashua). While
working 75m I contacted a 16A operation in Michigan. Our usual
competition is a California club which has in the past operated 23A or
25A. I was told that they were out again this year, but I didn't
reach anyone that far west this year on my station.

/JBL KD10N

=

Nets: levin@bbn.com | "Earn more sessions by sleeving."

pots: (617)873-3463 |

ARS: KD10N |

-- Roxanne Kowalski

Date: Tue, 5 Jul 94 20:54:51 GMT

From: netcomsv!butch!enterprise!news@decwrl.dec.com

Subject: Humorous Field Day Stories?

To: info-hams@ucsd.edu

I was with the Santa Clarita Valley Amateur Radio Club 3A station in Saugus, CA signing W6JW (Whisky Six Johnny Walker). One annual tradition of this club is the erecting of our "Balloon Vertical" for 80m. The vertical is supported by five weather balloons. It is erected at dusk as soon as the wind dies down. The slightest breeze changes the vertical into a sloper!

I helped set up our station and immediately tried to catch some sleep to prepare for the night shift ahead. Hah! Spend the morning setting up stations and then not operate! Finally got about an hour of sleep. Woke up when the BV was being erected. Old war-surplus balloons seemed to be pretty fragile! Antenna went up, tuner matched it nicely, and it went on the air. Suddenly the 30-watt rig could get out much better. I worked the 12:00-8:00AM (local) shift and cranked out a bunch of contacts on 80. Just before sunrise, signals seemed to drop a bit, but still had plenty of workable stations. Worked to pull an AZ station out of the mud and he said "gee, your signal just dropped a lot" Looked out in the morning twilight and saw one lone balloon holding up about 10 feet of the vertical, the rest laying on the ground zig-zagging over the insulated wire radial system.

No wonder my signal had dropped!

Next year: new balloons, regardless of cost!

Also have to scrounge up a little flourescent tube to put at the top. Looks neat when it lights up the balloons when you transmit. Also makes it possible to read the CW being sent from anywhere in the site. We had one last year, but it got forgotton...

You may have figured out by now that scoring high isn't one of the big priorities with this group :-)

Things we learned:

Push up masts are just that. Put them upright, then push them up.

Not vice-versa!

It takes 600-800 feet of line to properly guy a 36' push-up.

1.5" PVC pipe makes a good mast for G5RV dipoles with 300 ohm feed.

Don't forget the stakes! A handyman jack comes in handy for removing ground rods and stakes.

That's all I have,

73, N7TNJ, George

Date: 5 Jul 1994 15:37:25 -0500
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!convex!news.onramp.net!
news.sprintlink.net!bga.com!bga.com!nobody@network.ucsd.edu
Subject: IC-2410H Xmit Audio Boost
To: info-hams@ucsd.edu

Can anyone help with boosting the audio output from the HM-56 microphone on my IC-2410H? I get low audio reports on the repeaters around town (Austin). I opened the cover, but only saw R16 and R19, with no indication of how the gain might be boosted. They are apparently only surface mount fixed resistors. Is there some adjustment that is located under the PCB? I am reluctant to tear into the other side of the PCB unless there is some assurance that there's a good reason to.

I'd like to hear from someone who has had experience with adjusting the audio output from the HM-56 mike.

Thanks + 73
Randy
kj5vb

Date: 5 Jul 1994 22:28:28 GMT
From: src.dec.com!src.dec.com!ira@decwrl.dec.com
Subject: JPS NTR-1 for sale
To: info-hams@ucsd.edu

For sale:

JPS NTR-1 noise/tone reducer. \$100 firm, includes shipping as below.

This DSP noise reduction system lists for \$169.95 and includes the

manufacturers 12V external power supply (\$16.00). Total list price was \$185.95

This unit is 3 months old and in like-new condition. Includes all manufacturer's original boxes, instruction booklet, warranty card, and 12V power supply. Price is \$100.00 firm. I'll pay 1st class US postal shipping to any location in the lower 48 states. Price refunded if condition not as described.

Works fine. I would just prefer to put the money towards a new radio, rather than a quieter radio.

Reply via email (ira@pa.dec.com) or call 415-853-2160.

Regards,
Ira

Date: Tue, 5 Jul 1994 21:32:22 GMT
From: ihnp4.ucsd.edu!sdd.hp.com!hpscit.sc.hp.com!icon!greg@network.ucsd.edu
Subject: Let's be Careful Out There!
To: info-hams@ucsd.edu

William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.CR.rockwell.COM wrote:
: It's no different with VHF equipment than it is with HF equipment. I guess I

In theory, no. But in real life, I appreciate that my HT won't let me transmit outside the bands while my base HF rig, although it can, is not a problem.

An HT gets bounced around a lot, and with the small display and tiny buttons can easily be misprogrammed or a key symbol (e.g. offset) missed when glancing at the display. It is really nice that it is watching out for me.

A base rig, no matter what band it covers, is used in a more controlled environment where errors should be less likely. It would still be nice to have it watch over your shoulder, but mine doesn't and I haven't had a problem with it.

I'm not in favor of requiring radios to enforce the law - the personal responsibility that is required of an Amateur Licensee is the proper way - but having a radio implement such features can enhance its usability, just as clear displays, easily followed programming steps, etc. can. All contribute to proper, legal, operation.

Greg.

Date: Tue, 5 Jul 1994 17:50:52 GMT
From: psinntp!arrl.org!zlau@uunet.uu.net
Subject: Microwave FAQ or info sought (repost)
To: info-hams@ucsd.edu

Dan Reiner N2EDC (dbr@world.std.com) wrote:
: Maybe the Friday before Field Day was the wrong time to ask this,
: so I'll try again.

: I'm looking for some general info on amateur microwave operation, or a
: pointer to info sources. Especially interested in Gunn diode applications
: because of the reduced chance of vaporizing myself or the cat, compared to
: higher-powered devices. Please note that I don't know what I'm talking about.

A bit pricey in the USA, but the 3 volume Microwave Handbook by the RSGB
is an excellent reference. (Radio Society of Great Britain).

The ARRL publishes the UHF/Microwave Experimenters manual and
the proceedings to the Microwave Update (which goes back to Estes
Park, CO, this September 23 to 25th).

--

Zack Lau KH6CP/1 2 way QRP WAS
 8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

Date: 05 Jul 1994 20:49:34 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!europa.eng.gtefsd.com!ceylon!
news2.near.net!info-server.bbn.com!news!levin@network.ucsd.edu
Subject: SAREX QSL CARDS STS-58
To: info-hams@ucsd.edu

In article <CsAH1L.J8o@inmet.camb.inmet.com> leber@panther.warm.inmet.com (Thomas
Leber) writes:

In article <2uulkn\$1cg@theopolis.orl.mmc.com>,
James Carter <jcarter@orl.mmc.com> wrote:
>
>Why does it take so long just to send out cards?
>
>Has anyone out there had this same problem?

Well, it did say 6-10 months. I sent a report in back then, too, and I'm
still waiting. 'Progress though patience'

Patience is the order of the day, for sure. Gathering together the

logs from the mission is one of many things that need to be done when the shuttle is swept out and the ash trays emptied between flights. Then cards have to be printed, the pile of received cards sent to the volunteer QSL manager(s) to be correlated with the logs, etc. I am expecting to be involved with this program for a later mission, and will report on what is involved when I know more about it. So, please, patience (pretend it's like the bureau :-)).

/JBL

=

Nets: levin@bbn.com |
pots: (617)873-3463 |
ARS: KD10N |

"I gotta go."
-- I. Shoales

Date: 5 Jul 94 22:06:19 GMT
From: news-mail-gateway@ucsd.edu
Subject: Temp. Conversion Chart: F & C?
To: info-hams@ucsd.edu

>While we're on the topic of conversions, can someone help me
>out with some others that have been really boggling me?

> MHz to KHz
> Feet to Inches
> Dollars to Cents

>Also, what is that stuff that collects in your belly button
>called?

>Regards,
>Doug Hamilton KD1UJ

I'll take a stab at the last and easier one: Naval Jelly - It is used for removing rust.

Hugh, W6WTU

Date: Tue, 5 Jul 1994 21:12:59 GMT
From: newsgate.melpar.esys.com!melpar!phb@uunet.uu.net
Subject: temperature conversion
To: info-hams@ucsd.edu

William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.CR.rockwell.COM writes:

>> (I would have e-mailed him, but look at the length of
>> that address).

>and there is an alias for the e-mail name:

> wb9ivr%Pubs%GenAv.Mlb@ns14.cca.CR.rockwell.COM

>see? much shorter...

Why can't it be something like wb9ivr@CR.rockwell.COM? I mean,
wb9ivr is unique since you're the only person on the planet who can
use it.....

:) & 73 de K4MSG (pbock@melpar.esys.com)

Date: Tue, 5 Jul 94 21:06:29 GMT
From: netcomsv!butch!enterprise!news@decwrl.dec.com
Subject: which Ringo do I buy?
To: info-hams@ucsd.edu

In article <9407051514.AA26678@pobox.wellfleet>, ginsburg@wellfleet.COM (Scott
Ginsburg) writes:

|> I'm in the market for a 2 meter vertical for use mostly on packet and
|> it looks like the Cushcraft Ringo is the most popular product. Which
|> of the 3 varieties, Ringo, Ringo Ranger or Ringo Ranger II should I
|> plunk my money down for? Is the RR II that much better than the RR in
|> terms of gain and bandwidth?
|>
|> Thanks and 73,
|> Scott, WA2CJT

I have RR IIs on both 2m and 70cm. They perform well. The 2m antenna has an
acceptably low SWR across the entire 2m band.

Be advised that the RR II uses several feet of the top of the mast it is
mounted on as an active part of the antenna. A set of screw-on radials
(connected to the antenna by coax) attach about 5' below the antenna
itself. Make sure your mast is compatible!

My RR II came with a shorted coax, but a new connector later we were in
business. An annoyance.

Gain is adequate for my situation. Gain figures are the stuff of snake oil.
the local area is quite densely populated and I have no problems working

stations 50+ miles away using 45W. Gain appears to be about the same as my 4-element yagi.

You will need a SWR bridge or analyzer to set a ringo up right.

Good Luck!

George Lyle, N7TNJ

Date: Tue, 05 Jul 1994 15:40:00 EST
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!usenet.ins.cwru.edu!wariat.org!
dreamland!jga@network.ucsd.edu
To: info-hams@ucsd.edu

References <2uqn3t\$32t@tymix.Tymnet.COM>,
<H.eg.TzMfSRVSWxE@harvee.billerica.ma.us>, <1994Jul4.225623.1@woods.uml.edu>°
Subject : Re: License Renewal

martinja@woods.uml.edu (JJ Martin) writes:

[snip]
>I can't tell who replied to whom now but looks like some misinformation is
>being passed along here. Eric, you MAY NOT operate until you receive a new
>license from the FCC. I'll tell you why:
>
>97.19(c) of the FCC Rules:
>
>[When the licensee has submitted a timely application for renewal of an
>unexpired license (between 60 and 90 days prior to the end of the license term
>is recommended), the licensee may continue to operate until the disposition of
>the application has been determined...]
[snip]

Yes. Exactly. The disposition of his application has NOT YET BEEN DETERMINED. The FCC has not (to his knowlege) either processed the renewal, or notified him that his license will not be renewed. Until he either receives his new ticket, or a notice that he WON'T be receiving one, he may continue to operate. That is my interpretation.

-j

--

Jon Anhold - (jga@dreamland.com) - PGP 2.6 key available upon request
System Administrator - Dreamland Network Systems - Cleveland Ohio
Amateur Callsign - N8USK - N8USK@KB8GVQ.#NEOH.OH.US.NA

